

March 3, 1859.

Sir BENJAMIN C. BRODIE, Bart., President, in the Chair.

In accordance with the Statutes, the Secretary read the following list of Candidates for election into the Society :—

Frederick Augustus Abel, Esq.	Waller Augustus Lewis, M.D.
Somerville Scott Alison, M.D.	John Denis Macdonald, Esq.
Charles Spence Bate, Esq.	David MacLoughlin, M.D.
Henry Foster Baxter, Esq.	Henry Maudslay, Esq.
Samuel Husbands Beckles, Esq.	The Rev. Walter Mitchell, M.A.
Thomas William Burr, Esq.	Robert William Mylne, Esq.
Frederick Crace Calvert, Esq.	William Odling, Esq.
Henry J. Carter, Esq.	Robert Patterson, Esq.
William White Cooper, Esq.	John Penn, Esq.
Richard Cull, Esq.	Sir Robert Schomburgk.
Thomas Rowe Edmonds, Esq.	Edward Smith, M.D.
Alexander John Ellis, Esq.	Henry Ward, Capt. R.E.
S. W. Fullom, Esq.	Thomas Watson, M.D.
Douglas Galton, Capt. R.E.	Col. Frederick Eardley Wilmot,
Samuel Gurney, Esq.	R.A.
William Bird Herapath, M.D.	Bennet Woodcroft, Esq.
George Murray Humphry, M.B.	Col. William Yolland, R.E.
Thomas Sterry Hunt, Esq.	

The following communications were read :—

- I. "On an Experiment in which the Stratifications in Electrical Discharges are destroyed by an interruption of the Secondary Circuit." By J. P. GASSIOT, Esq., F.R.S. Received February 17, 1859.

The author having referred to his former Papers*, and to Mr. Grove's view of the phenomenon in question, performed an experiment to demonstrate the fact stated in the title of the present communication.

* Philosophical Transactions, 1858, and Proceedings, January 13, 1859.